SECRET

MEMORANDUM FOR: Assistant for Technical Development, NPIC

SUBJECT: Projects [   ]   25X1

REFERENCE: [   ] dated 23 May 1967   25X1

This memorandum is in response to your request for information
pertaining to Projects [   ]   25X1

I. PROJECT [   ]   25X1

A. Project [   ] as originally conceived some ten years ago is a   25X1
comprehensive, long-range development program to design and imple-
ment an improved, centralized information and document reference
service to supplant the OCR Intellofax system library and register.
Project [   ] encompasses design and installation of the total system,   25X1
i.e., procedures, organization and equipment. The basic concept is
to re-arrange the information handling process on a regional basis
providing services more responsive to customer needs.

B. Administrative and organizational decisions by the DDI have lead to
an arbitrary re-arrangement of existing OCR resources on a regional
basis ahead of the time planned for testing the [   ] concepts.   25X1
Presently Project [   ] is being implemented for testing by OCR's   25X1
newly formed Far Eastern Support Unit which is the first regional
unit to be established within OCR's reorganization. Full conversion
of OCR to a regional basis is scheduled to be completed by mid-August.
Following the complete check-out of the computer software back-
stopping the total [   ] system and incorporation of the lessons   25X1
learned from the initial implementation in the Far Eastern unit,
the [   ] techniques will be rapidly introduced in the other regional   25X1
components. Budgetary and time pressures are forcing extensive cut-
backs in the original [   ] design goals.   25X1

C. The Integrated Information System (IIS) being developed as part of
the Information Handling Program includes the generation and maintenance
of an Exploitation Products File. This will be an index to all
imagery-derived exploitation products similar to the current All-
Source Index, and is required as part of the National Imagery-Derived
Information Data Base (NIDIDB) to be maintained by NPIC in accordance
with the JIIRG recommendations. In theory, Project [   ] would be   25X1
able to supply such an index. In reality, however, [   ] indices will
not be handling material on a world-wide basis for a long time, and
in fact may be required to exclude many imagery-derived products

SECRET

SUBJECT: Projects [   ]   25X1

because of volume constraints within their system. (Historically,
it should be noted, OCR has not maintained complete indices of
imagery-derived products.) It is, however, quite probable that
the NIDIDB exploitation products file will be able to supply a major
portion of the information required concerning these products
to [   ] in machine language form. Although we will develop the   25X1
exploitation projects file in response to guidance received from
the COMIREX, we will coordinate closely with the Director of Project
[   ] in an effort to meet as many of his data input requirements   25X1
as possible. In this way it may be possible to avoid dual indexing
even though the indices will be maintained for quite different purposes.

II. PROJECT [   ]   25X1

A. Project [   ] comprises the ADP software being developed to support   25X1
Project [   ] This software includes the design of generalized
file creation, update, purge and query systems. The systems are
being developed to satisfy highly generalized situations since the
ADP people have not been able to obtain detailed file specifications
for [   ] The Information Processing Division (IPD) and [   ]   25X1
[   ] have met for a total of approximately   25X1
15 man hours with [   ] head of the [   ] Team, to   25X1
discuss their system. [   ] has been advised that any recommendations   25X1
they may make for development of file structures and related programs
which do not incorporate either the existing designs developed
under [   ] or designs developed for TIPS at NSA, must be justified   25X1
on a cost effective basis.

B. The requirements for the [   ] system are not necessarily the same   25X1
as those for manipulation of the various data bases being developed
under the Integrated Information System. Furthermore, the [   ]   25X1
systems are being highly generalized which normally necessitates
incorporation of considerable inefficiency into the system. This
inefficiency stems from the fact that a generalized system must
anticipate all possible combinations and cannot be tailored to
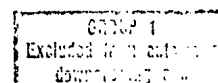operate at maximum efficiency on any individual application.

C. It is impossible to estimate whether or not NPIC will realize cost
savings as a result of the work done under [   ] However, effort   25X1
will be made to capitalize on work already completed whether it has
been done by CIA, NSA, or some other organization. Our most likely
source of useful design and programming, however, is NSA since their
work has been or will be implemented on equipment similar to NPIC's.

SECRET

SUBJECT: Projects [   ]   25X1

Any work which may be applicable from the [   ] Project will have to   25X1
be programmed for the UNIVAC 494 vice OCS's IBM 360s.

                                                                              25X1

                    Acting Chief, Information Processing Division, NPIC

Distribution:
   Orig & 1 - Addressee
           2 - NPIC/IPD

SECRET